ABSTRACT OF THE DISCLOSURE

A flowline is described for producing hydrocarbons from a subsea well that is comprised of a substantially neutrally buoyant tubular composite umbilical. The flowline may possess electrical heating apparatus within the tubular walls of the tubular composite umbilical to prevent waxes and hydrates from forming within the flowline and blocking the flowline. The electrical heating apparatus is comprised of at least one electrical conductor disposed within the tubular walls of the composite umbilical that conducts electrical current that is used to heat the tubular composite umbilical. The tubular composite umbilical that contains any produced hydrocarbons is substantially neutrally buoyant in the sea water adjacent to the subsea well. Positively neutrally buoyant tubular composite umbilical flowlines are also described.